

DECLARATION

I, Toshihiko Takano of c/o TAKANO & CO., 32-802, Kitamachi, Shinjuku-ku, Tokyo, JAPAN, hereby certify that I am the translator of the claims shown below, and certify that these claims are true and accurate translations of the claims of the Japanese language claims as allowed in corresponding Japanese application No. 2004-042231, filed February 19, 2004.

I hereby declare that all statement made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature:



Toshihiko Takano

Date: October 4, 2010

[Document Title] Scope of the Claim

[Claim 1]

A sunscreen cosmetic, characterized in that it includes the following components (a) through (e):

wherein the sunscreen cosmetic substantially does not include (g) nonvolatile non-polar oil and/or nonvolatile silicone oil, and if it does include these, it includes them at not more than 2 percent by weight of the total weight of the sunscreen cosmetic ;

the component (c) caprylylmethicone is 12.5 to 40 percent by weight of the amount of component (b) volatile silicone that is included ;

the amount of oil that is absorbed by the hydrophobic zinc oxide powder is 10 to 40 mL/100 g; and

said sunscreen cosmetic is a water-in-oil emulsified sunscreen cosmetic characterized in that it has an excellent long lasting coverage effect and excellent ease of washability ;

(a) hydrophobic zinc oxide powder, manufactured through a method in which a zinc oxide powder is dispersed in a solvent, and

the surface of the zinc oxide powder is treated with a phosphate ester having a perfluoroalkyl shown by general formula (1),

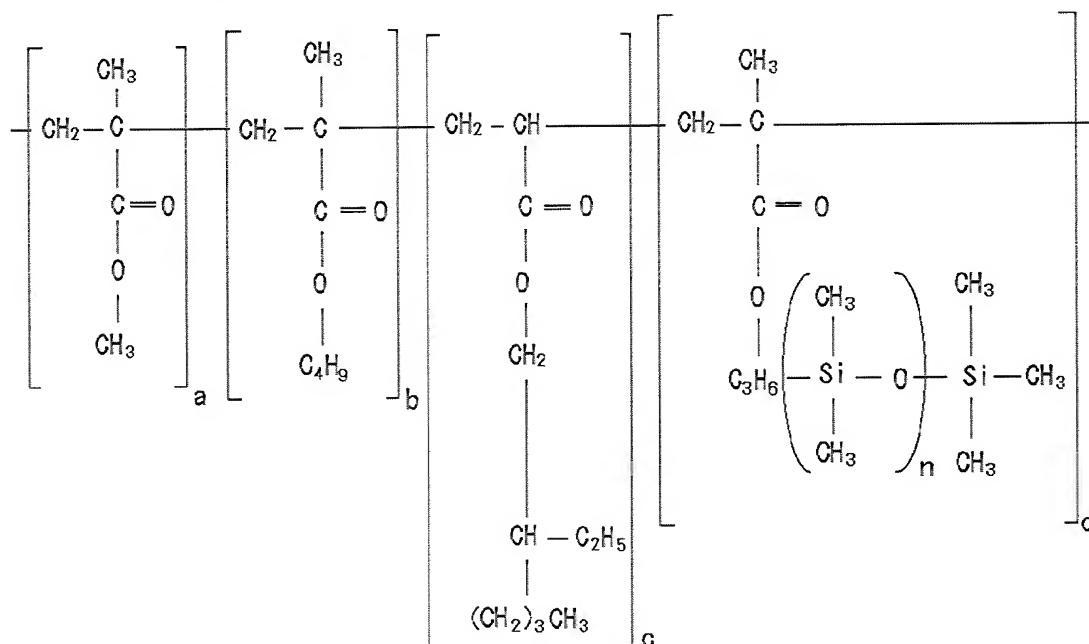
and an ester shown by general formula (2) of a copolymer of 30,000-300,000 MW of 2-ethylhexyl acrylate, methacrylate, methyl methacrylate, or butyl methacrylate and a methylpolysiloxane some of whose methyl groups have been substituted with a hydroxypropyl group, to produce the hydrophobic zinc oxide powder, wherein the hydrophobic zinc oxide powder is manufactured using microparticle zinc oxide powder having a first-order particle diameter of 1 μm or less, and the amount of solvent that is used is within a range of 50 to 90 wt% of the zinc oxide powder;

[Chemical formula 1]



(wherein Rf is a perfluoroalkyl group or a perfluoroxyalkyl group or a perfluoroxyalkyl group having 3-21 carbons that is a straight chain or branched and is a single chain length or a composite chain length; n is an integer from 1-12, and y is a number from 1-3)

[Chemical formula 2]



.....(2)

(wherein n is an integer, a, b, c, and d are mole ratios within the copolymer and are not 0, and d is at least 40 mole percent but not more than 60 mole percent)

- (b) Volatile Silicone
- (c) caprylylmethicone (1-10 wt% of the total weight)
- (d) lipophilic active material
- (e) water

[Claim 2]

The water-in-oil emulsified sunscreen cosmetic according to claims 1, further comprising (f) an organic modified clay material.